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(54) Title: USE OF A PRETREATED PRECIPITATED SILICA AS A REINFORCING FILLER FOR SILICONE ELASTOMER AND THE CURABLE SILICONE ELASTOMER COMPOSITIONS THUS OBTAINED BY COLD MIXING

(57) Abstract: The invention relates to the use of a precipitated silica, pretreated by at least one organosilane hydrophobing compound or one hydrophobing silicone oil, as a reinforcing filler for silicone elastomer, the said pretreated silica being incorporated in the silicone elastomer by cold mixing and having the following features : - a BET specific surface ranging from 50 to 450 m²/g, - a water wettability lower than 80, - a sulfur content lower than 0.1 % by weight. The invention is directed to the curable silicone elastomer composition thus obtained.